



## Product Benefits

- Great infrared heat reduction
- High total solar energy rejected
- Metal-free design with no electronic interference\*
- Low visible light reflectivity value
- Up to 99.6% UV protection (up to SPF 1000+)

## Product Performance & Technical Data

Ceramic IR 70 Film	 Single Pane		 Single Pane Auto 75	
	1/4" Clear	Ceramic IR 70	1/4" Auto 75	Ceramic IR 70
Visible Light Transmitted	89%	78.2%	73%	64.4%
Visible Light Reflected Interior	9%	8.0%	7%	6.9%
Visible Light Reflected Exterior	8%	8.2%	7%	6.7%
UV Block	34%	99.2%	67%	99.6%
Total Solar Energy Rejected	19%	41.6%	42%	51.1%
Glare Reduction	NA	12%	NA	12%
IRR**	NA	78%	NA	78%
IRER***	NA	58%	NA	66%

\*Will not interfere with cell phones, GPS systems or satellite radio.

\*\*IRR - IR Rejected over 900 – 1,000 nm. Film with liner measurement

\*\*\*IRER – The percent of solar infrared energy rejection over the wavelength range from 780 – 2,500 nm. IRER takes into account the transmitted and absorbed IR energy that will be reradiated into a car. Film is applied to glass

### Commercial Solutions Division

3M Center, Building 220-12E-04 St. Paul, MN 55144  
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## Health and Safety

When handling any chemical products, read the manufacturers' container labels and the Safety Data Sheets (SDS) for important health, safety and environmental information. To obtain SDS sheets for 3M products go to [3M.com/SDS](http://3M.com/SDS), or by mail or in case of an emergency, call 1-888-364-3577 or 1-651-737-6501. When using any equipment, always follow the manufacturers' instructions for safe operation.

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## Product Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

## Warranty

3M warrants that each 3M product will be free from defects in material and manufacture for the length of the product warranty. 3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

## Limited Remedy

If a 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

## No Extension of Warranty

In the case of an approved warranty claim, the replacement Product will carry only the remaining term of the original warranty period.

## Limitation of Liability

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